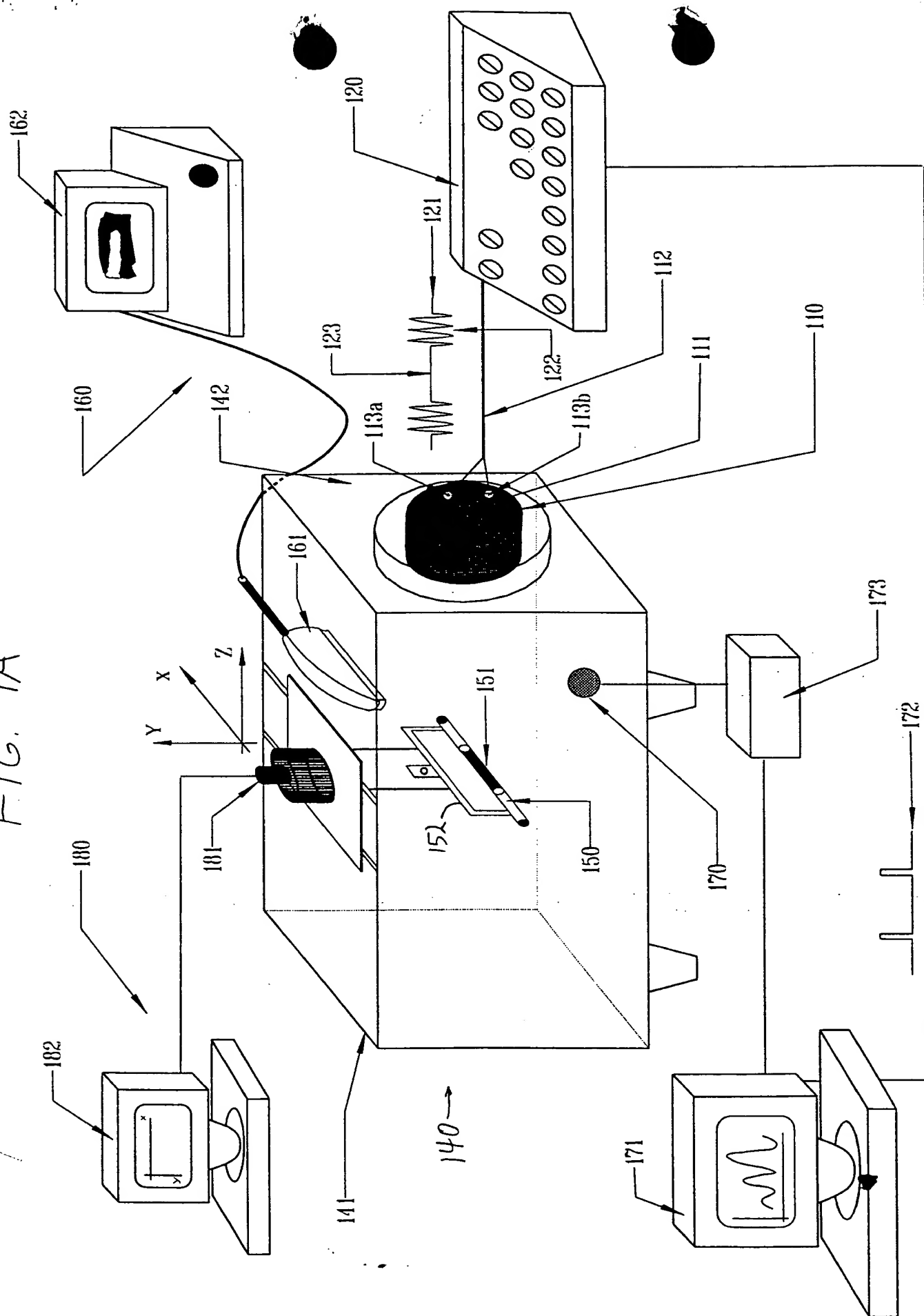
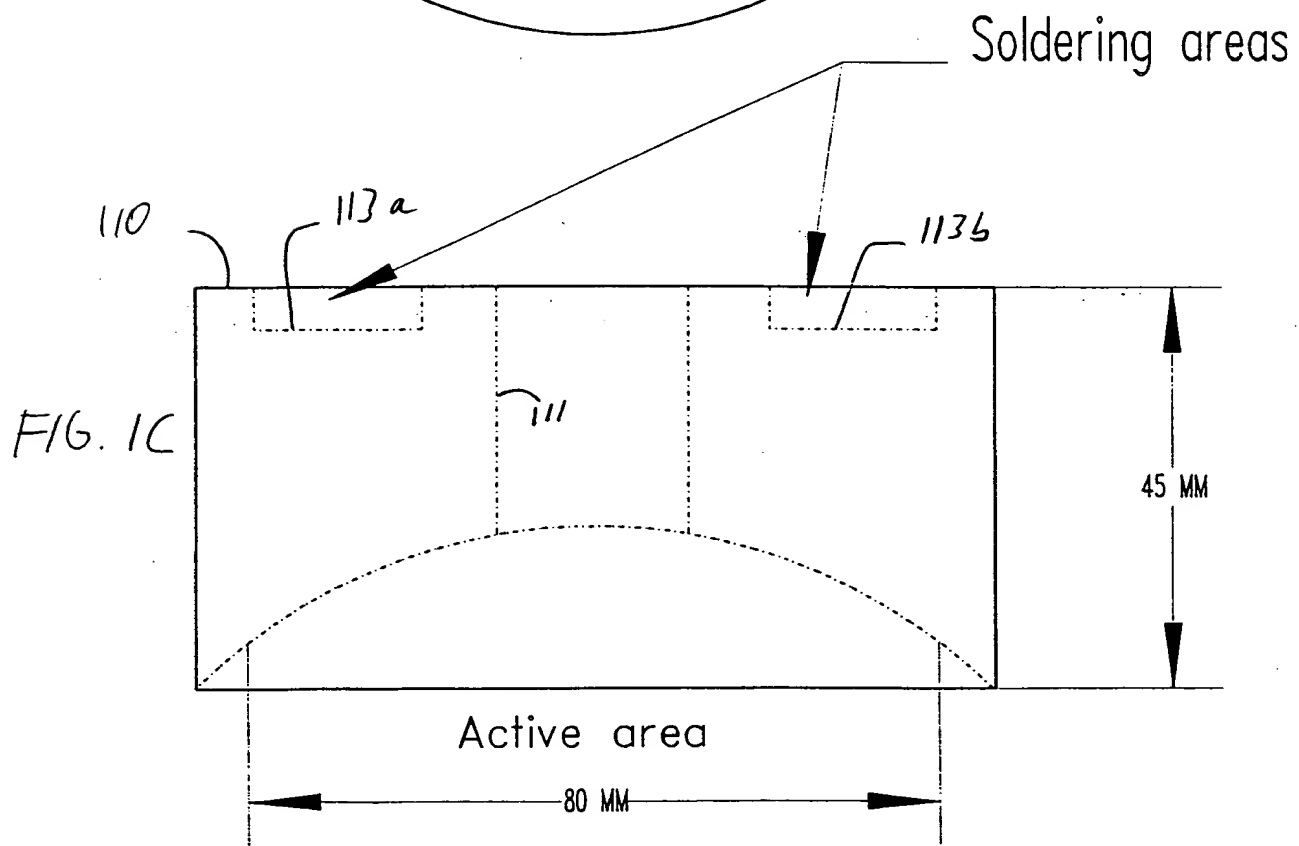
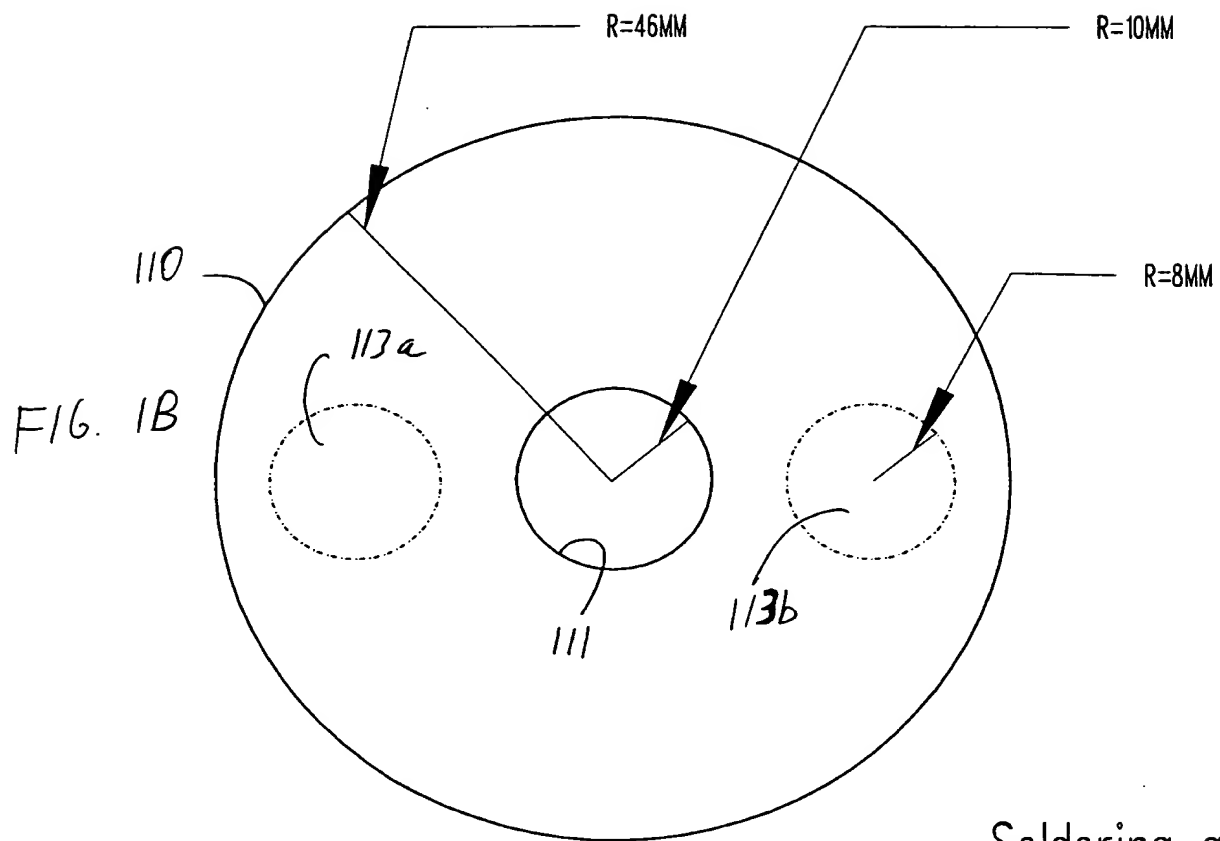


F. 16. 1A





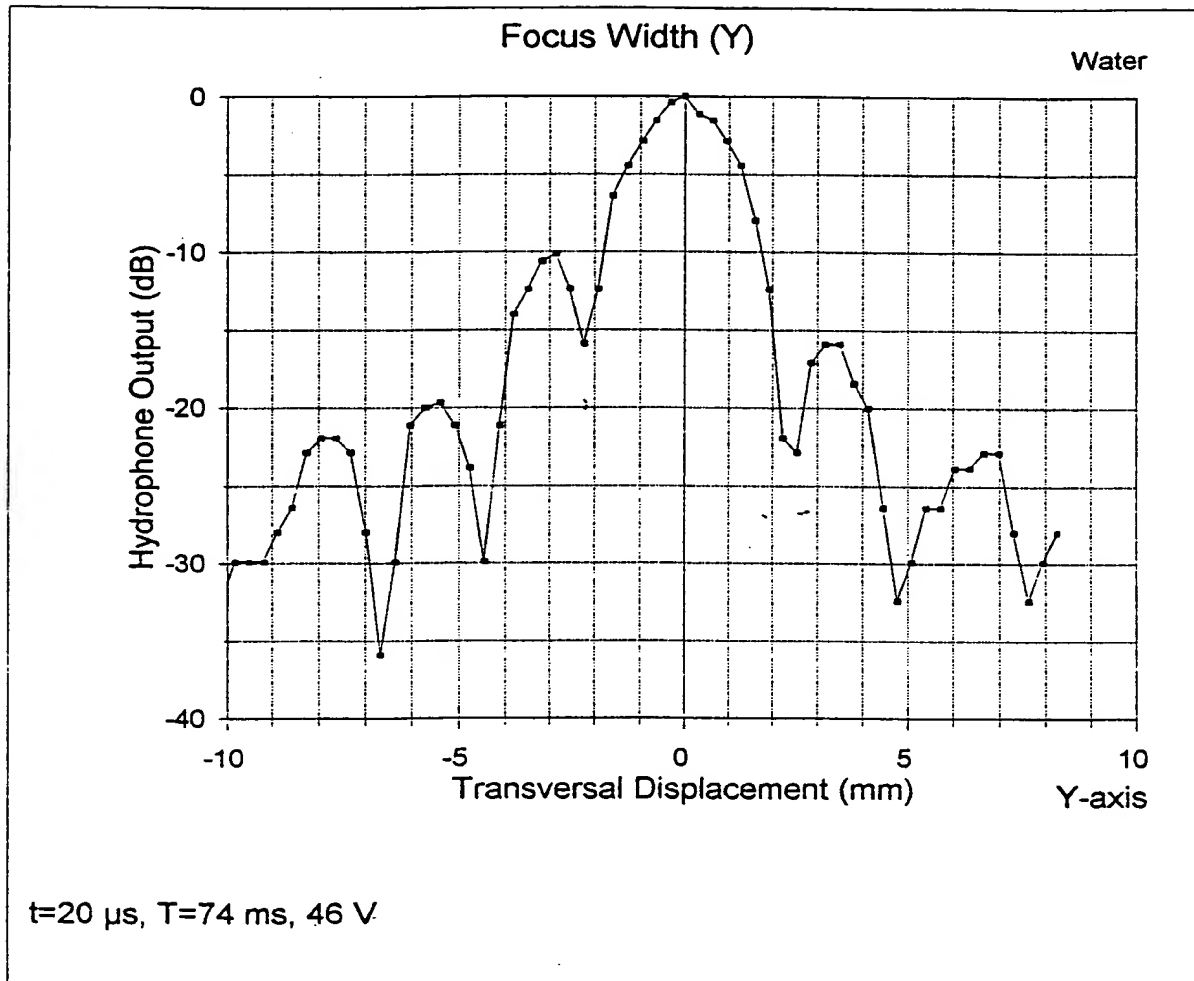


FIG. 2

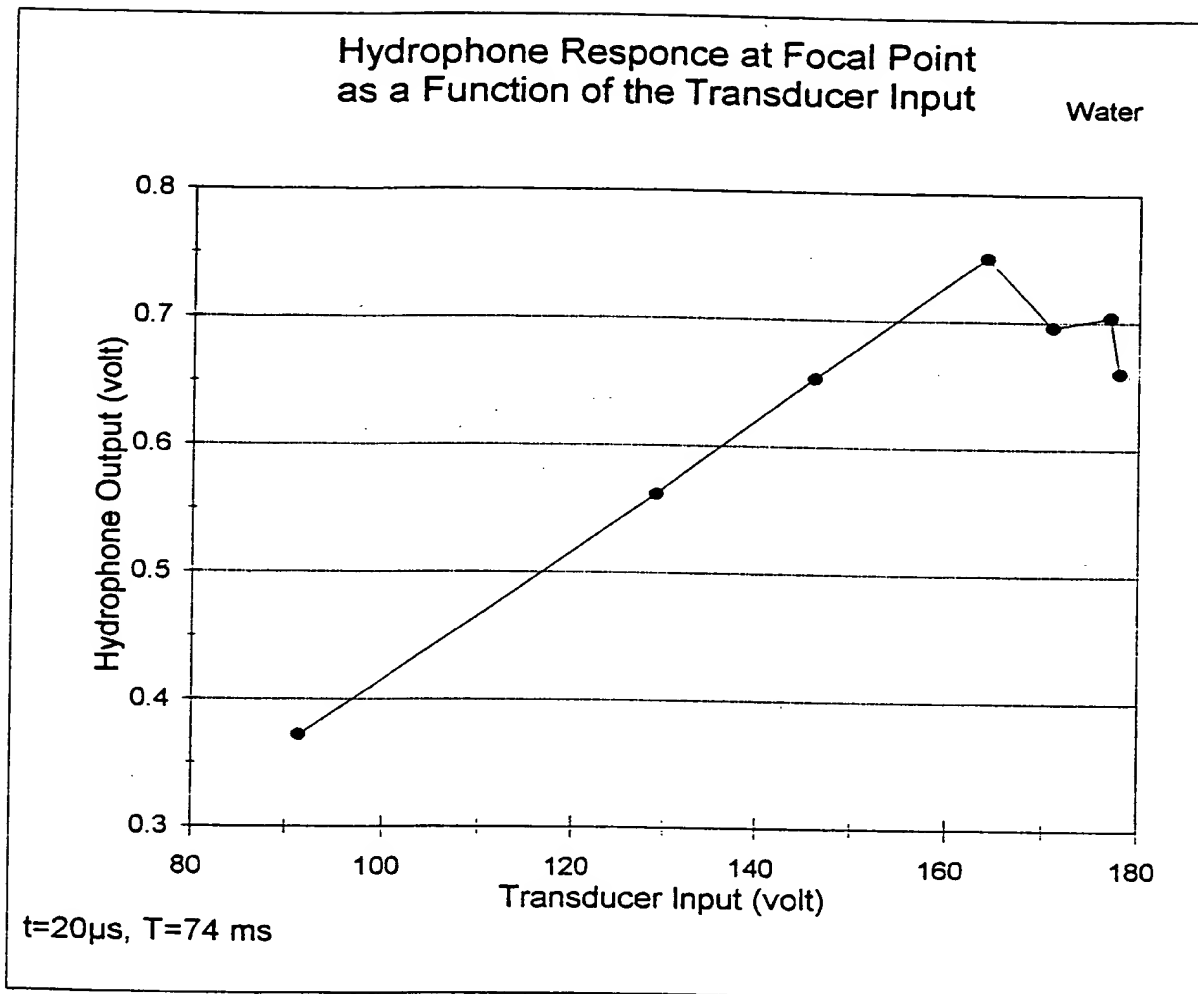
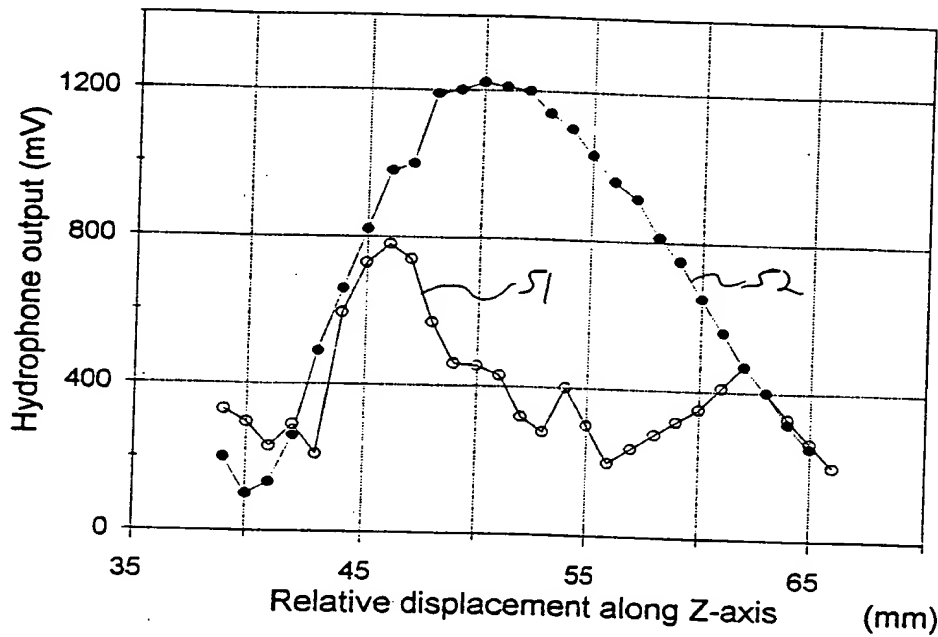


FIG. 3

# Focus Depth as a Function of Pulse Duration

Water



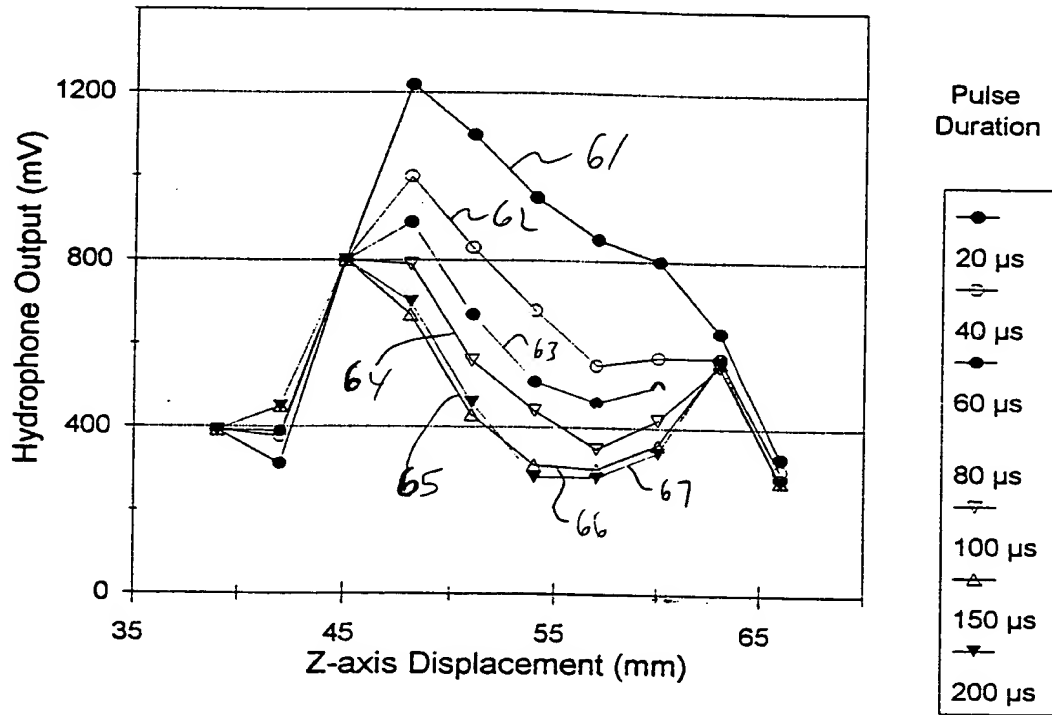
Transd. Input=180 Volt  
T=75 mS

○  $t = 1100 \mu s$  ●  $t = 20 \mu s$

FIG. 4

# Acoustic Field Distribution as a Function of Pulse Duration

Water



Transducer Input 190 V  
T=11 mS

FIG. 5

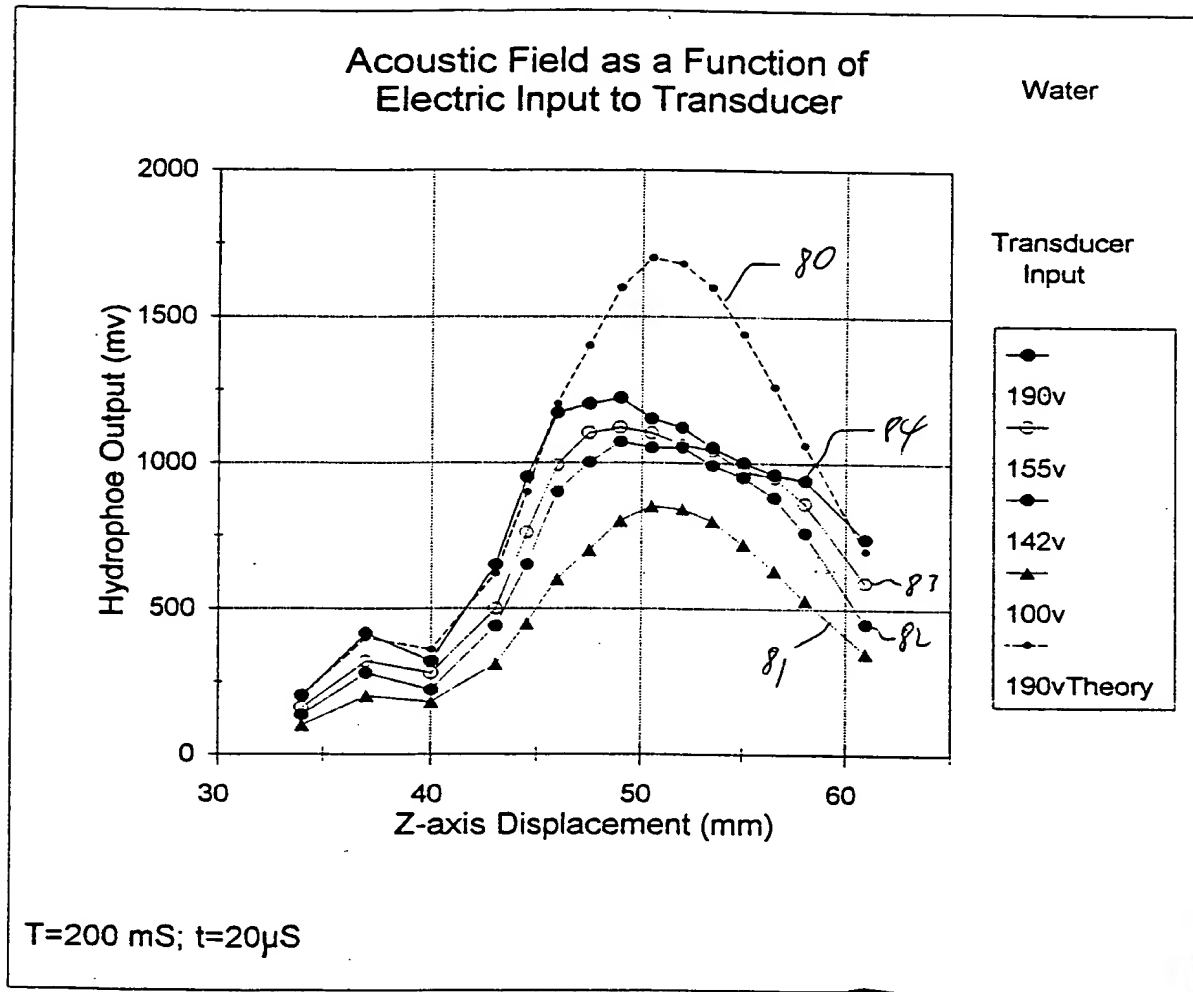
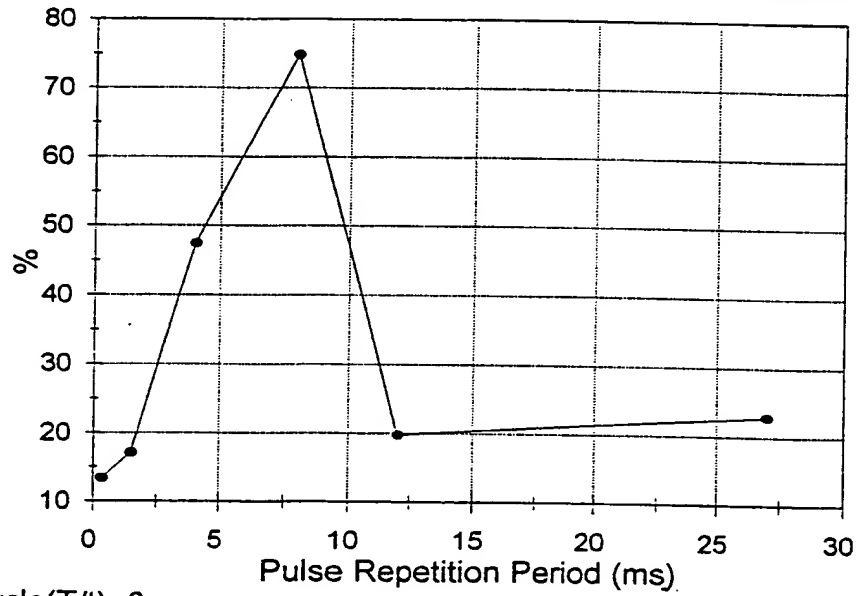


FIG. 6

Percentage of Clot Mass Dissolution  
as a Function of Pulse Repetition Period

A Clot Attached to a Vessel Wall



Duty Cycle( $T/t$ )=8  
Intensity=1300w/cm<sup>2</sup>

FIG. 7



# Percentage of Clot Mass Dissolution as a Function of Pulse Duration

A Clot Attached to a Vessel Wall

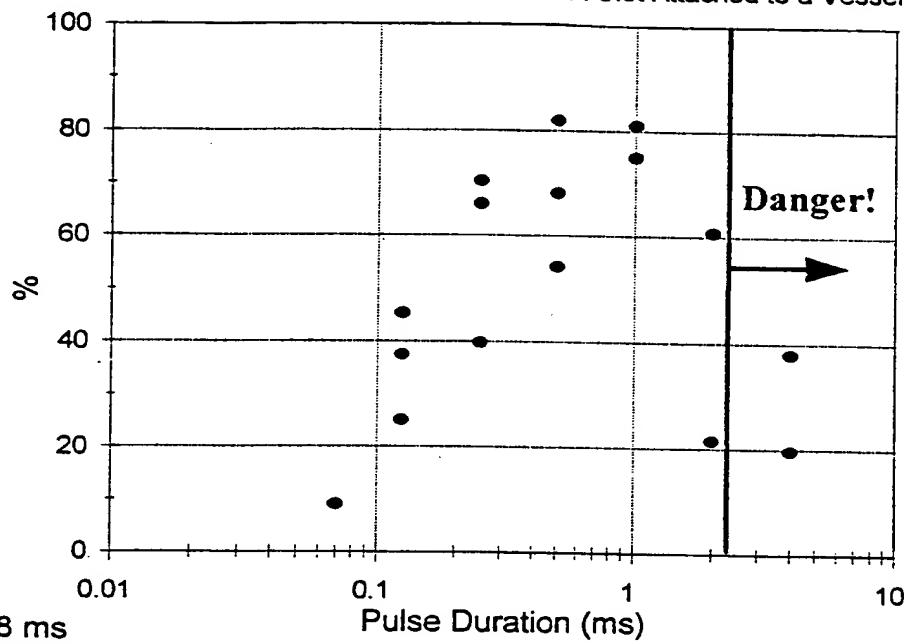


FIG. 8

Rate of Clot Mass Dissolution  
as a Function of Intensity at Focal Area

A Clot Attached to a Vessel Wall

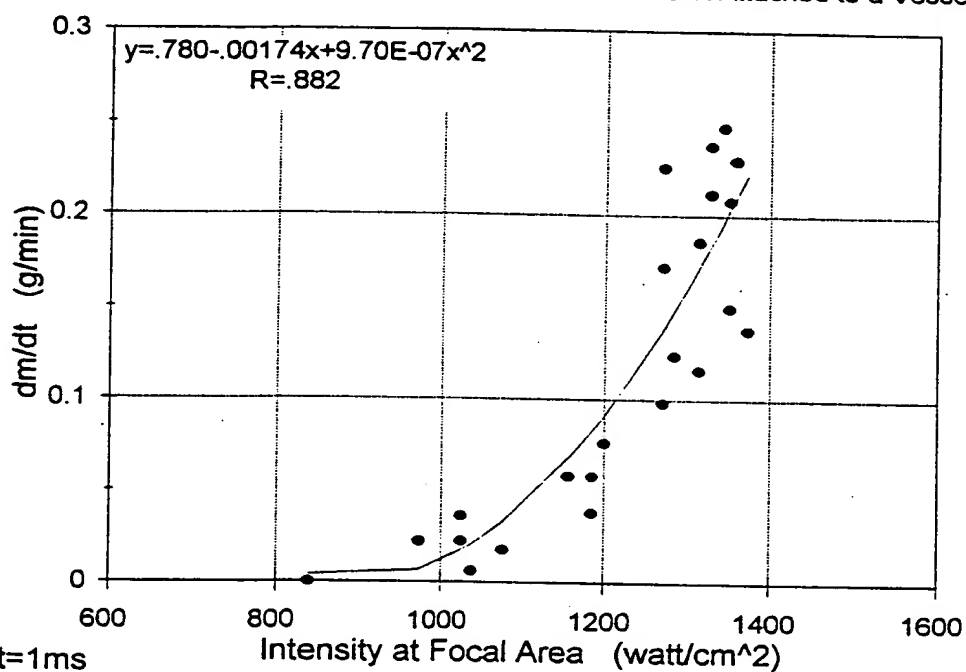


FIG. 9

*[The page contains extremely faint, illegible text, likely bleed-through from the reverse side of the document.]*

*(The following are the names of the authors of the papers in the volume, listed in alphabetical order.)*

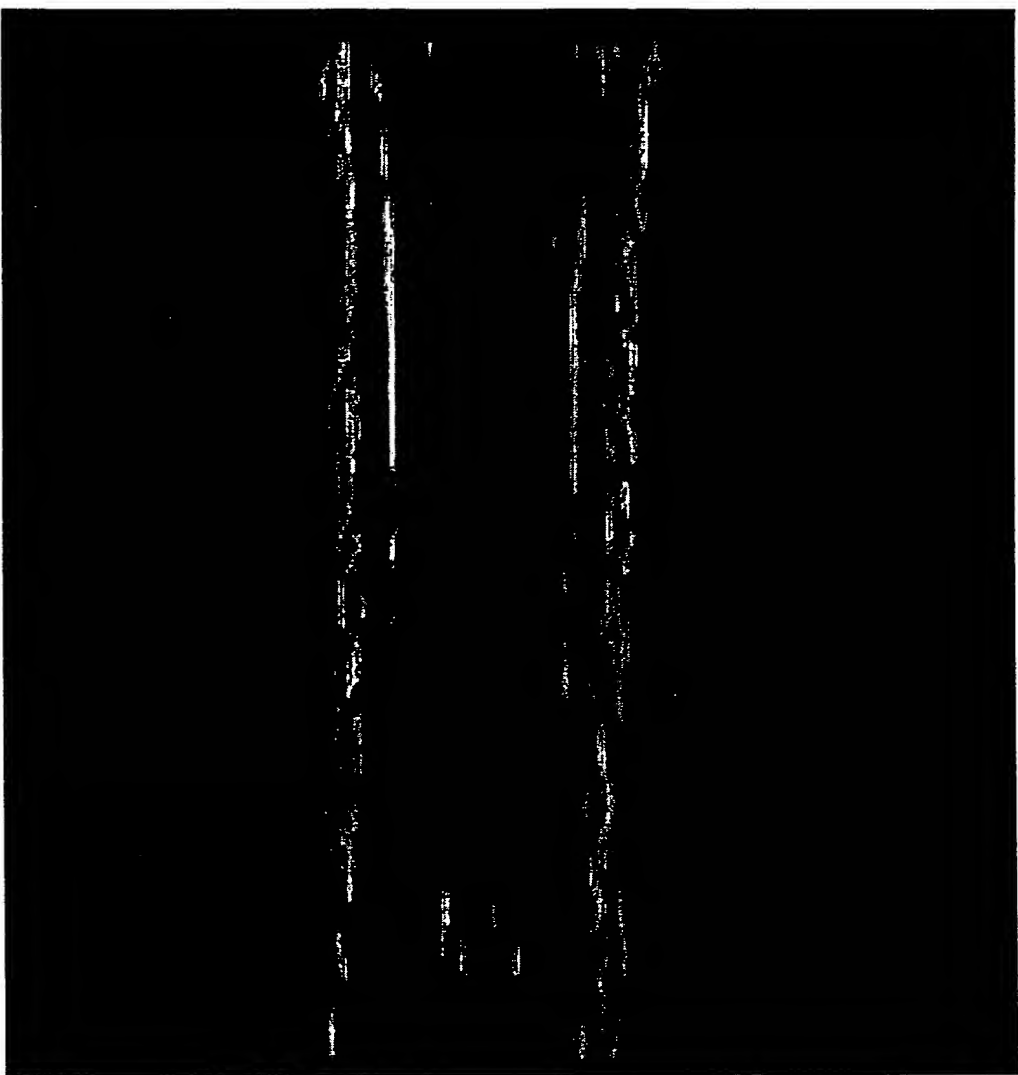
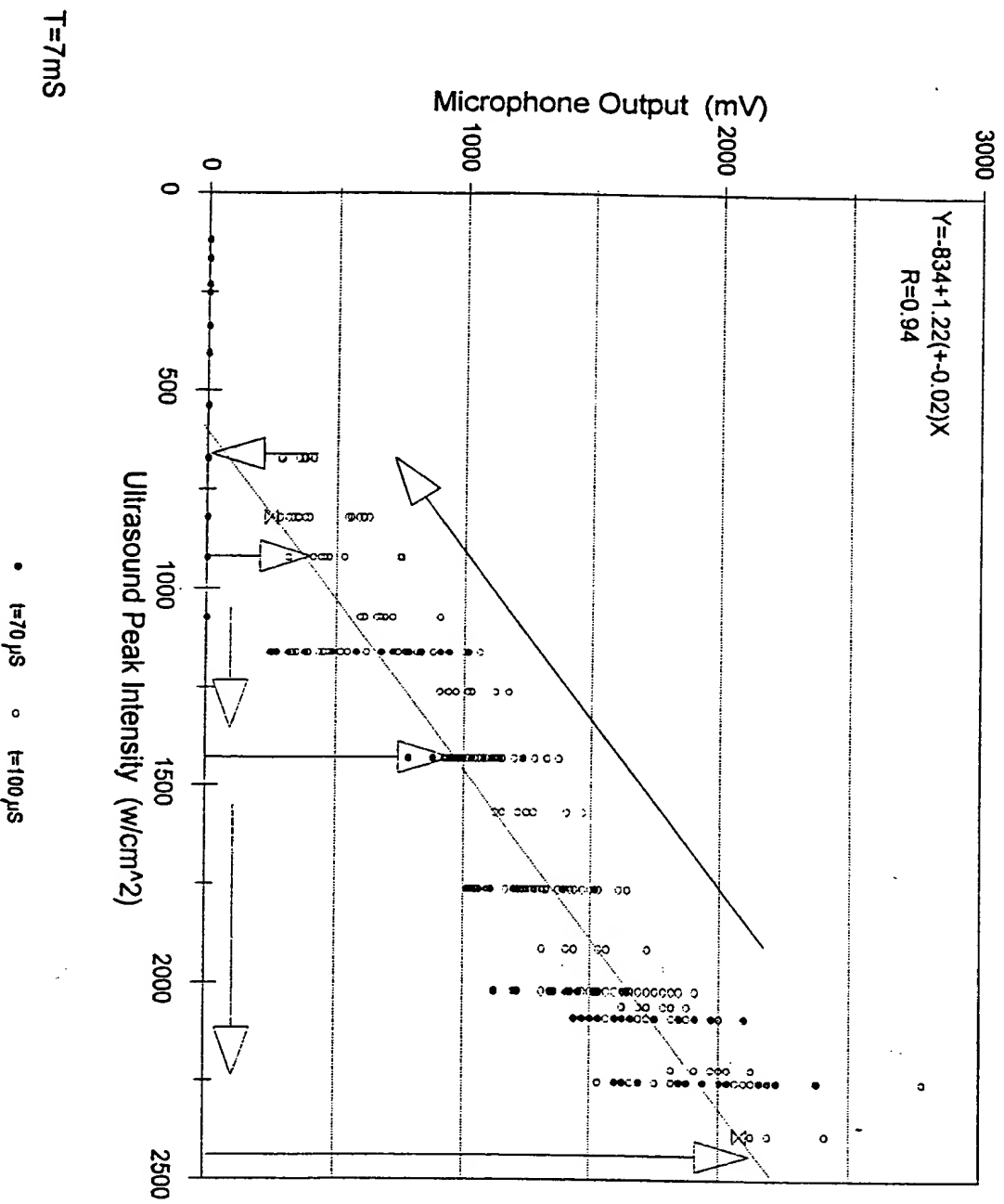


FIG. 10B

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# Correlation between Cavitation Activity and Intensity of Ultrasound

Degassed & Non-Degassed Buffer



F/G. 11

**Degassed &  
Non-Degassed**

[illegible]

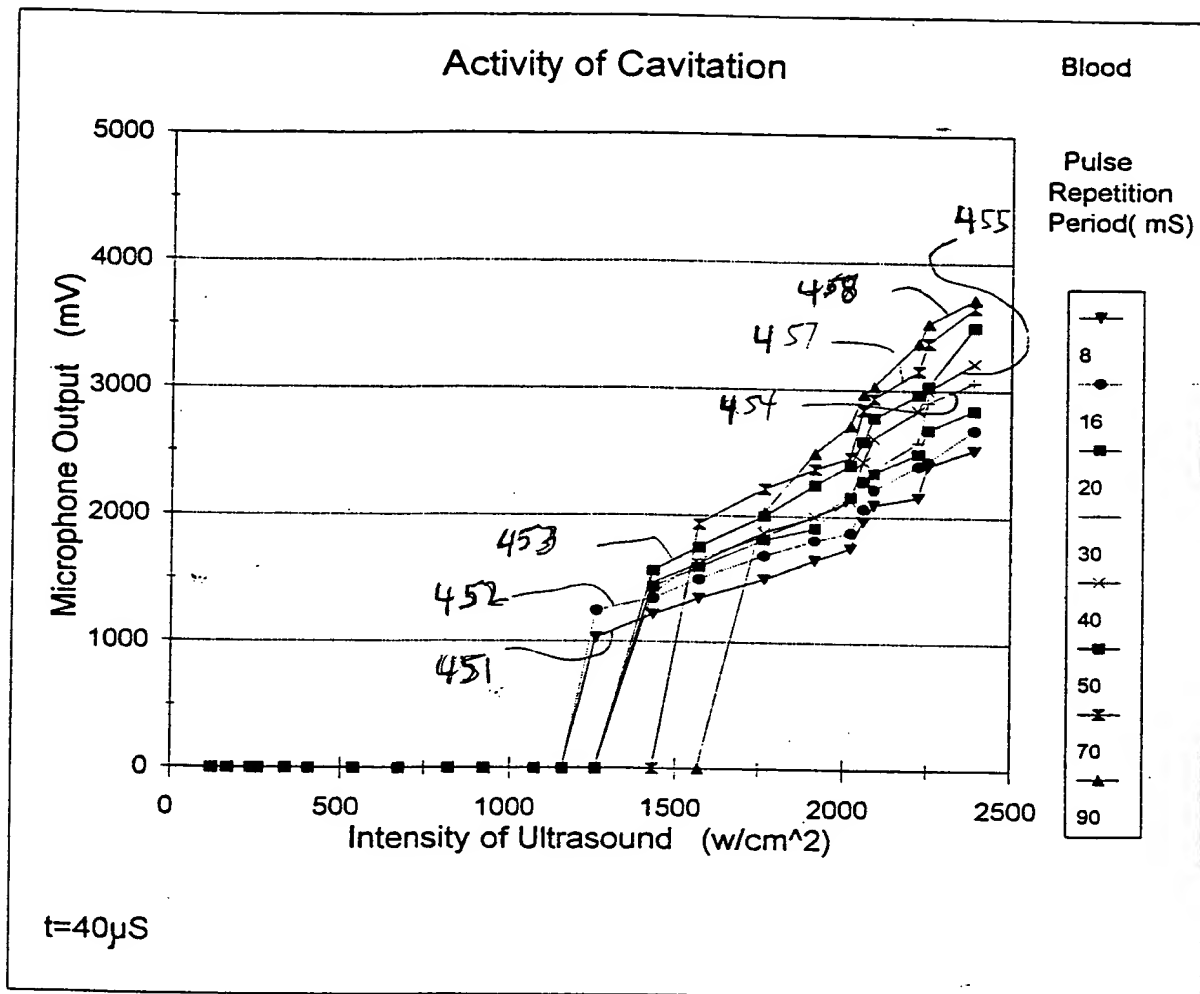


FIG. 13

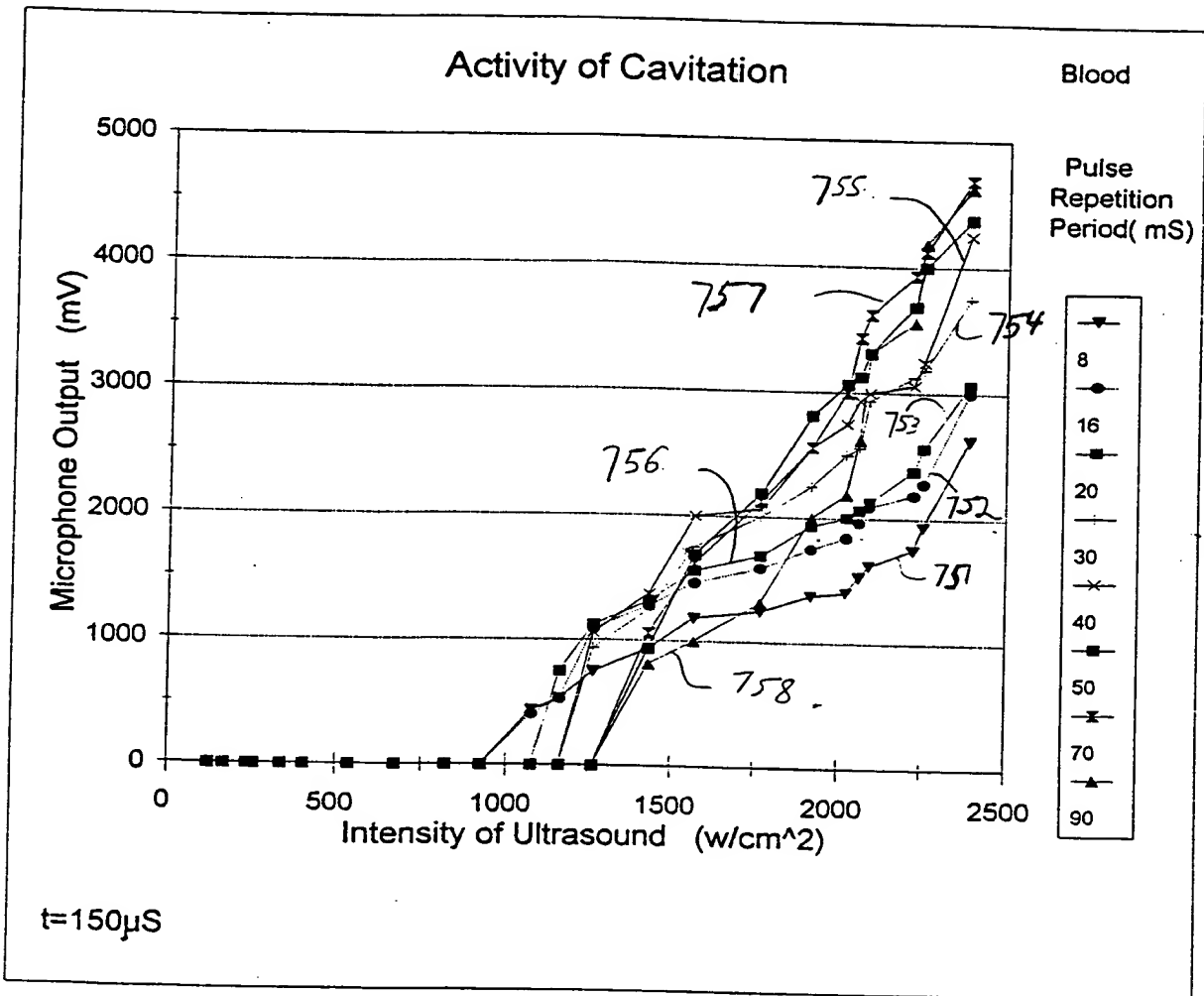
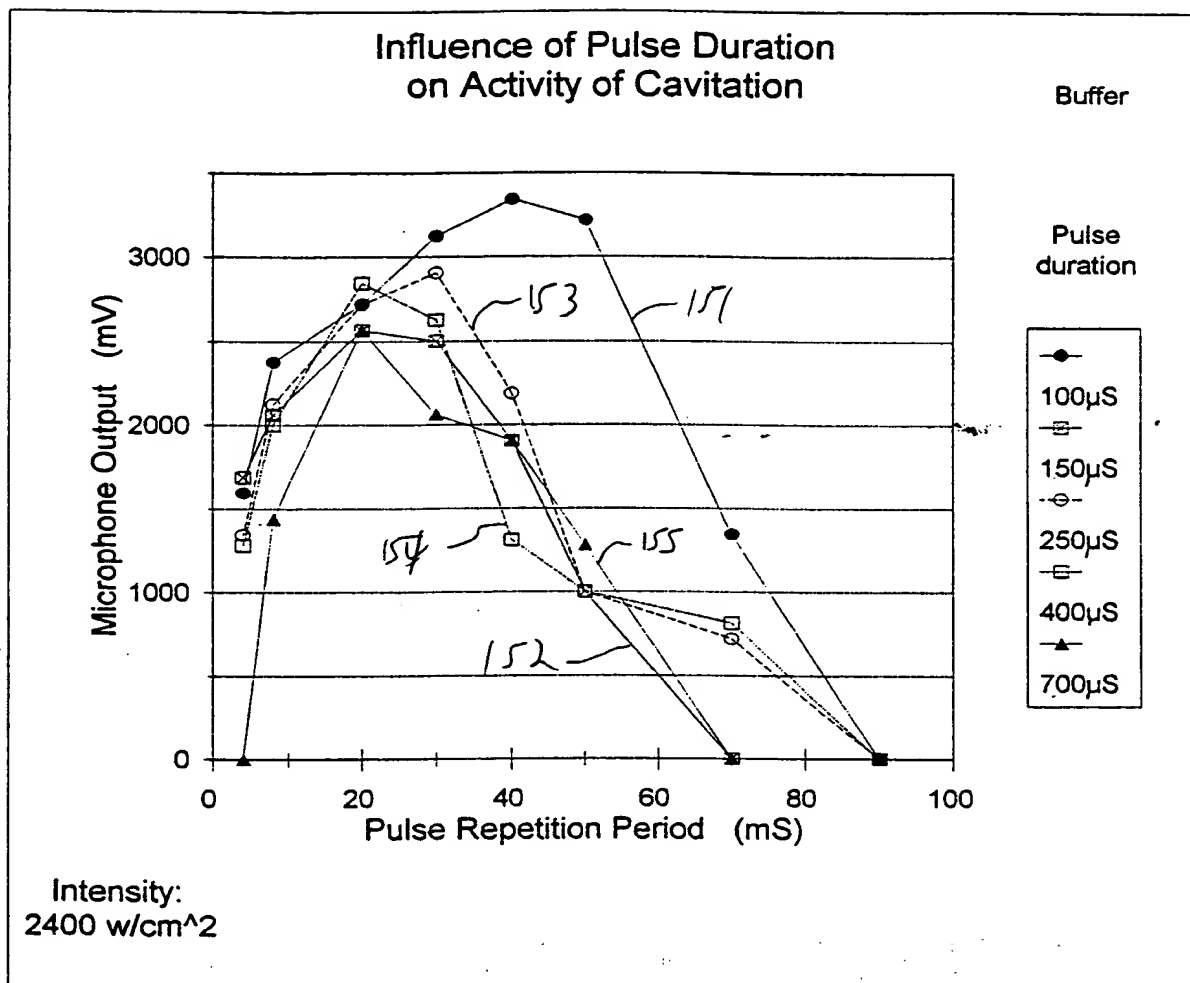


FIG. 14





F16. 15

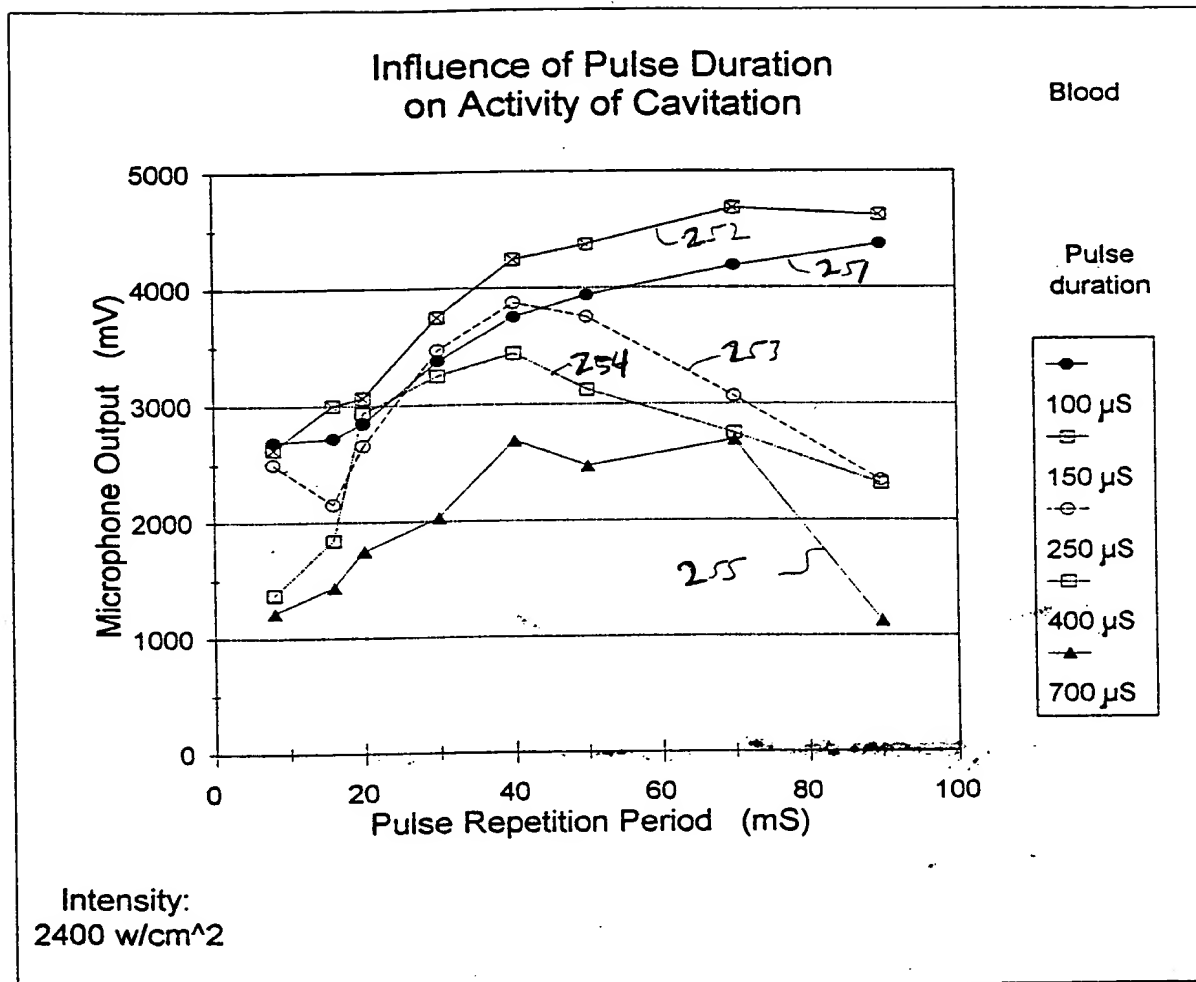
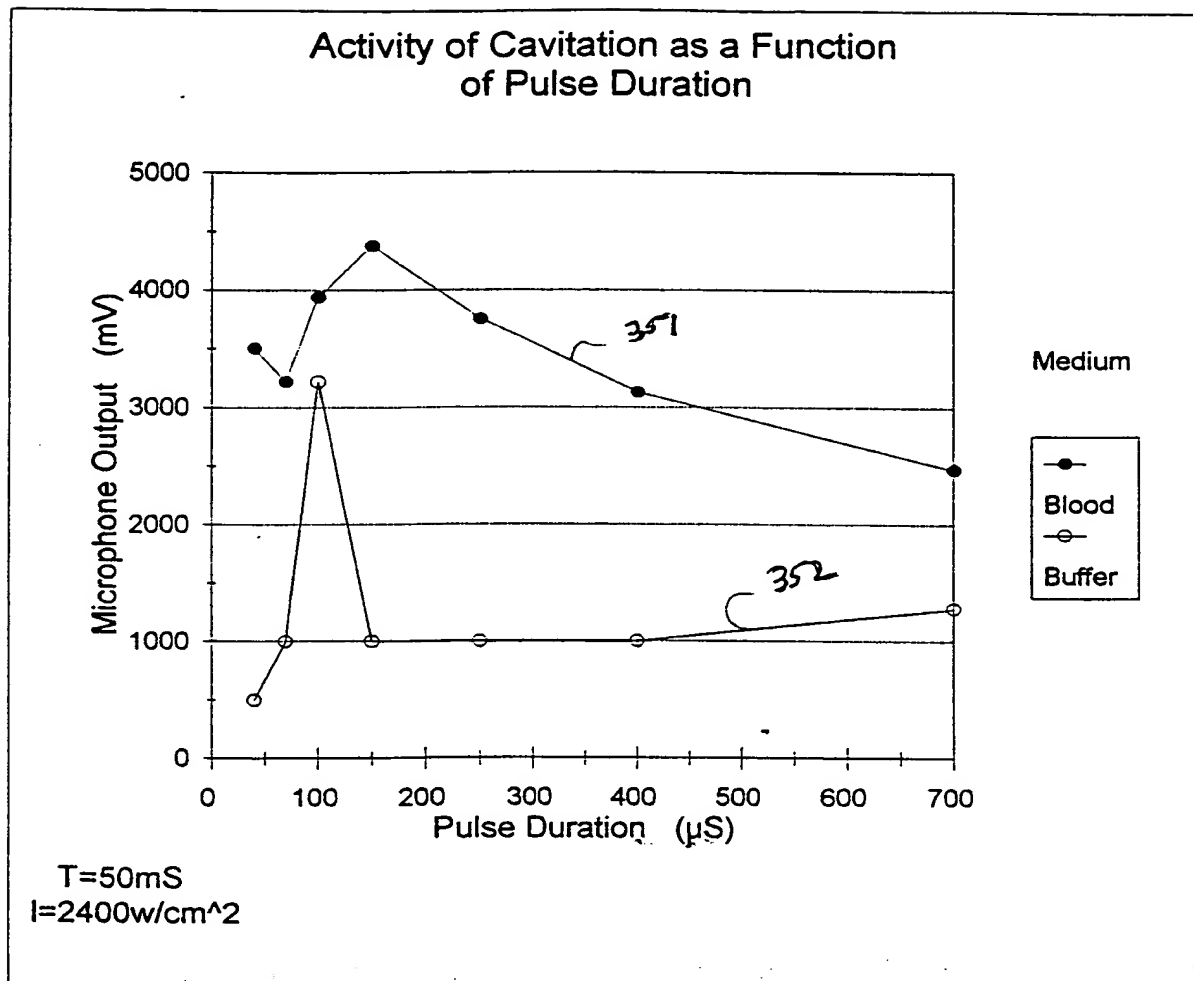


Fig. 16



F16.17

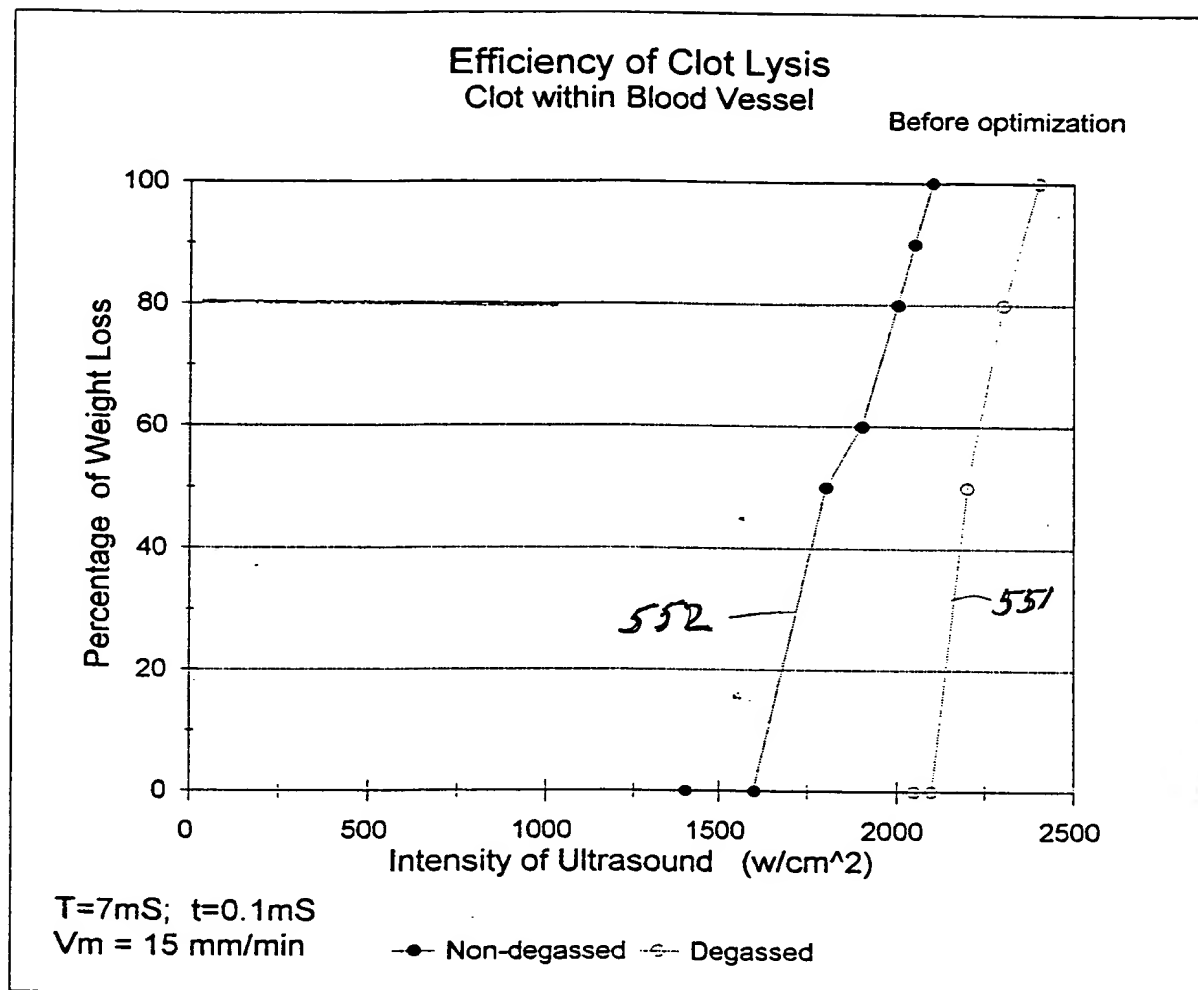


FIG. 18

Search for optimum time parameters  
of pulsed mode sonification

Clot within blood vessel

FIG. 19A

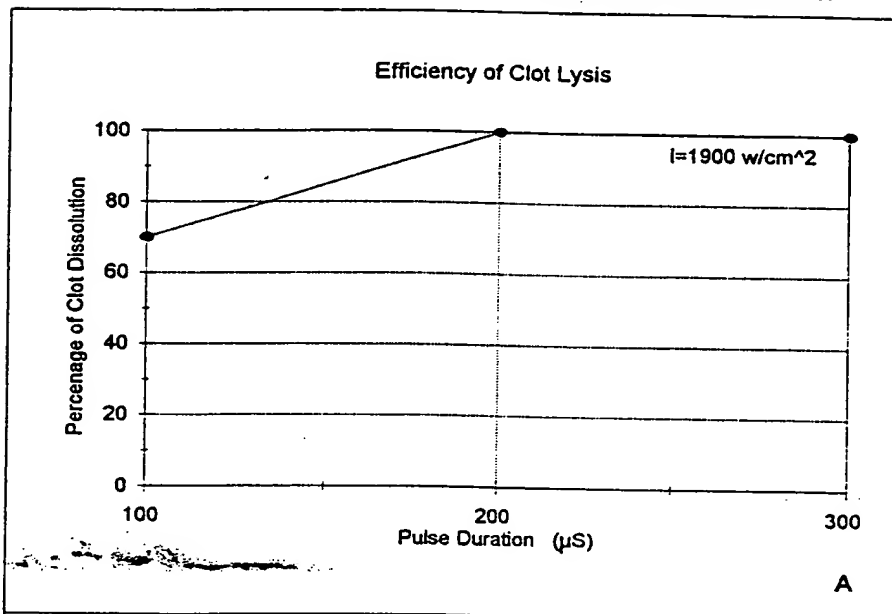
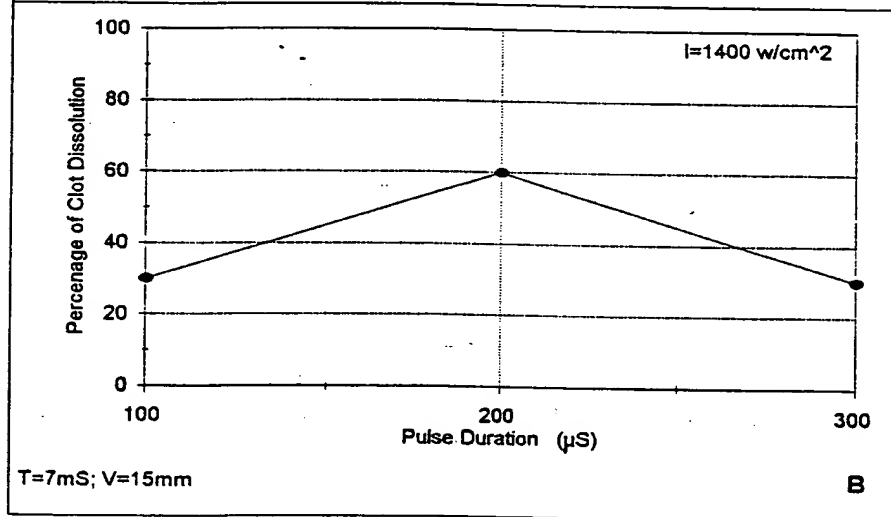
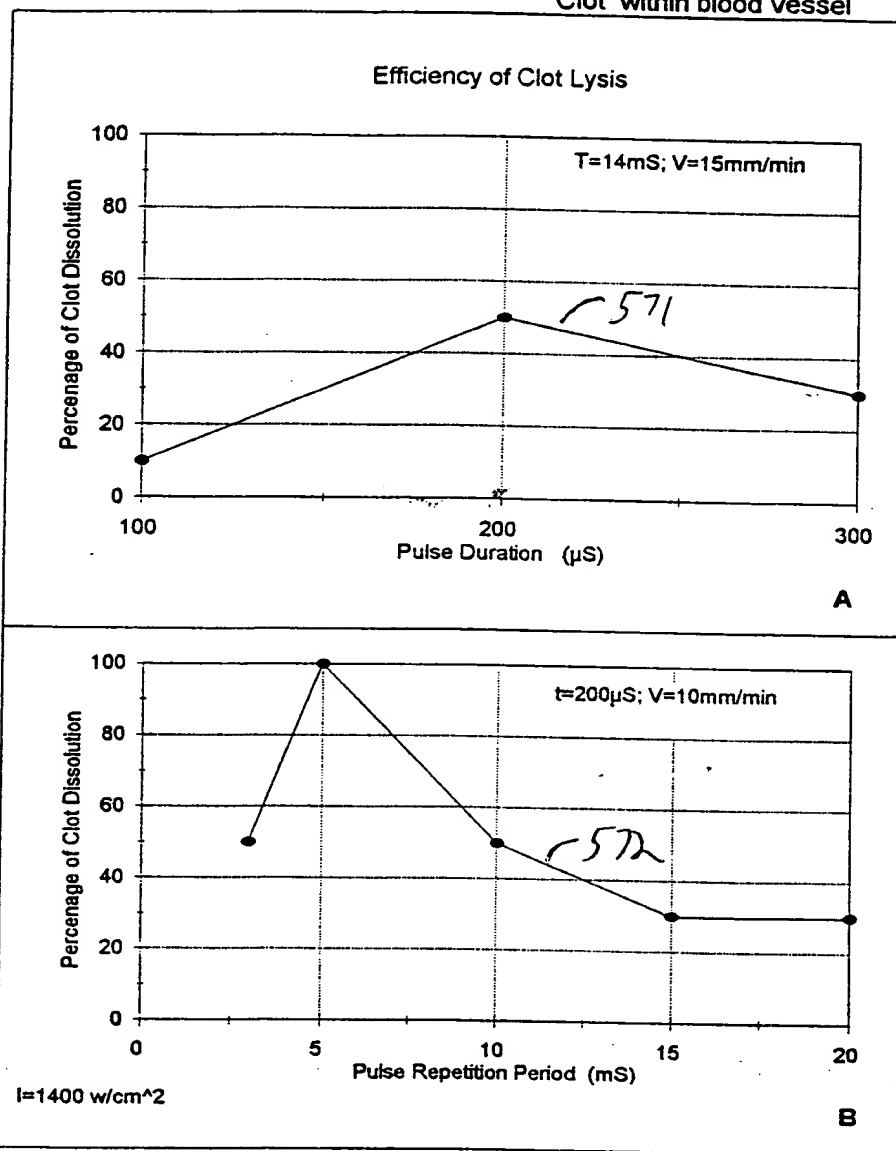


FIG. 19B



# Search for optimum time parameters of pulsed mode sonication

Clot within blood vessel



# Search for optimum time parameters of pulsed mode sonification

Clot within blood vessel

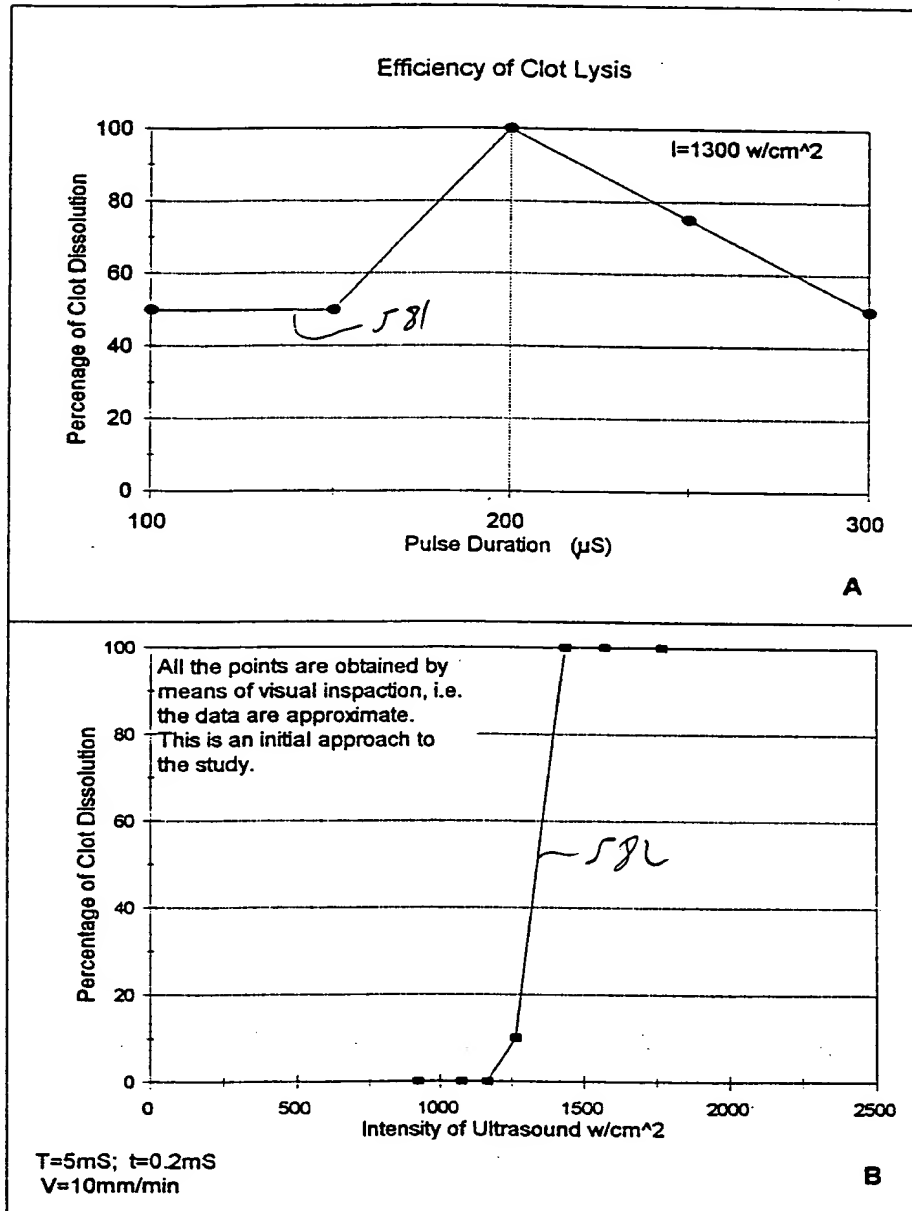


FIG. 20C

FIG. 21

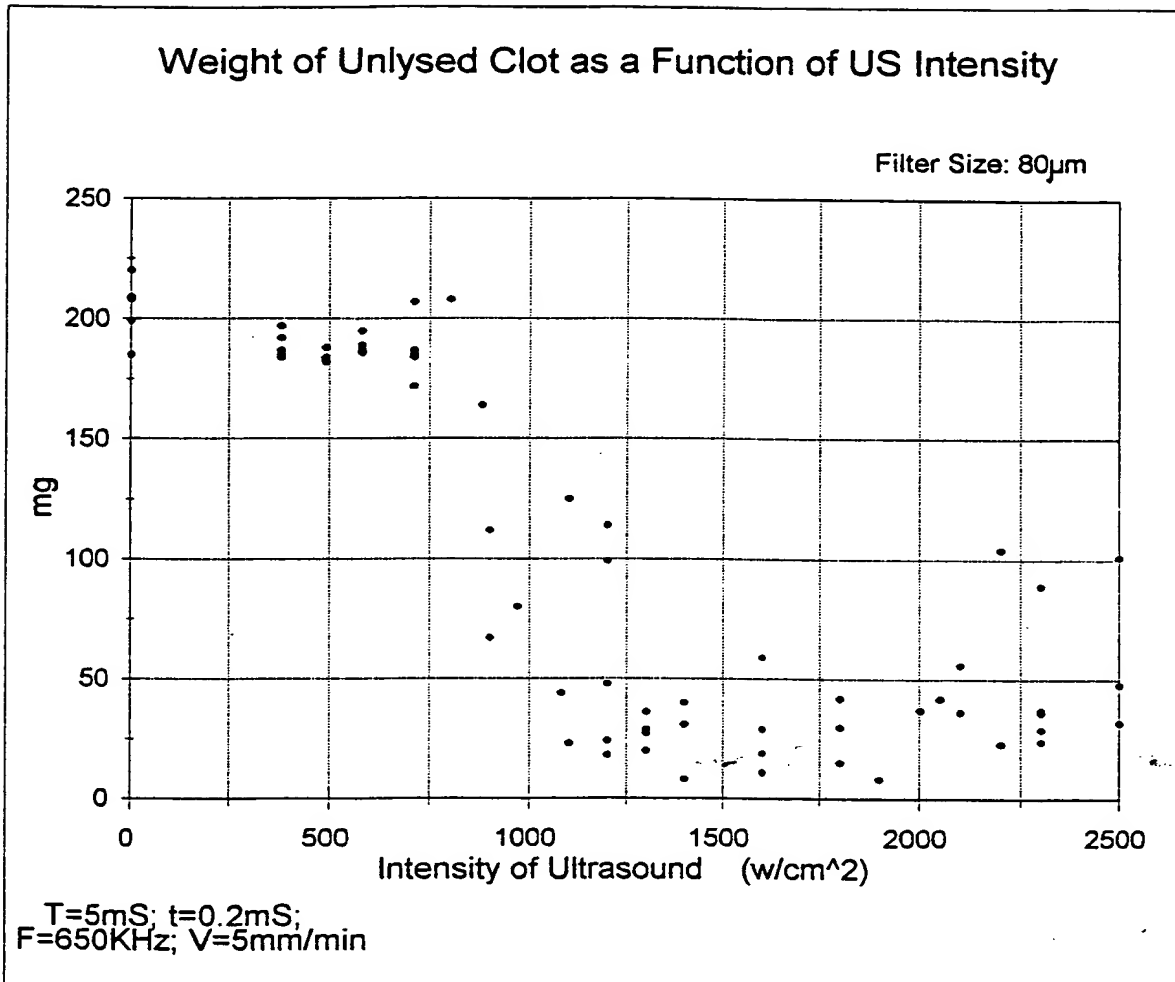


FIG. 22



FIG. 23

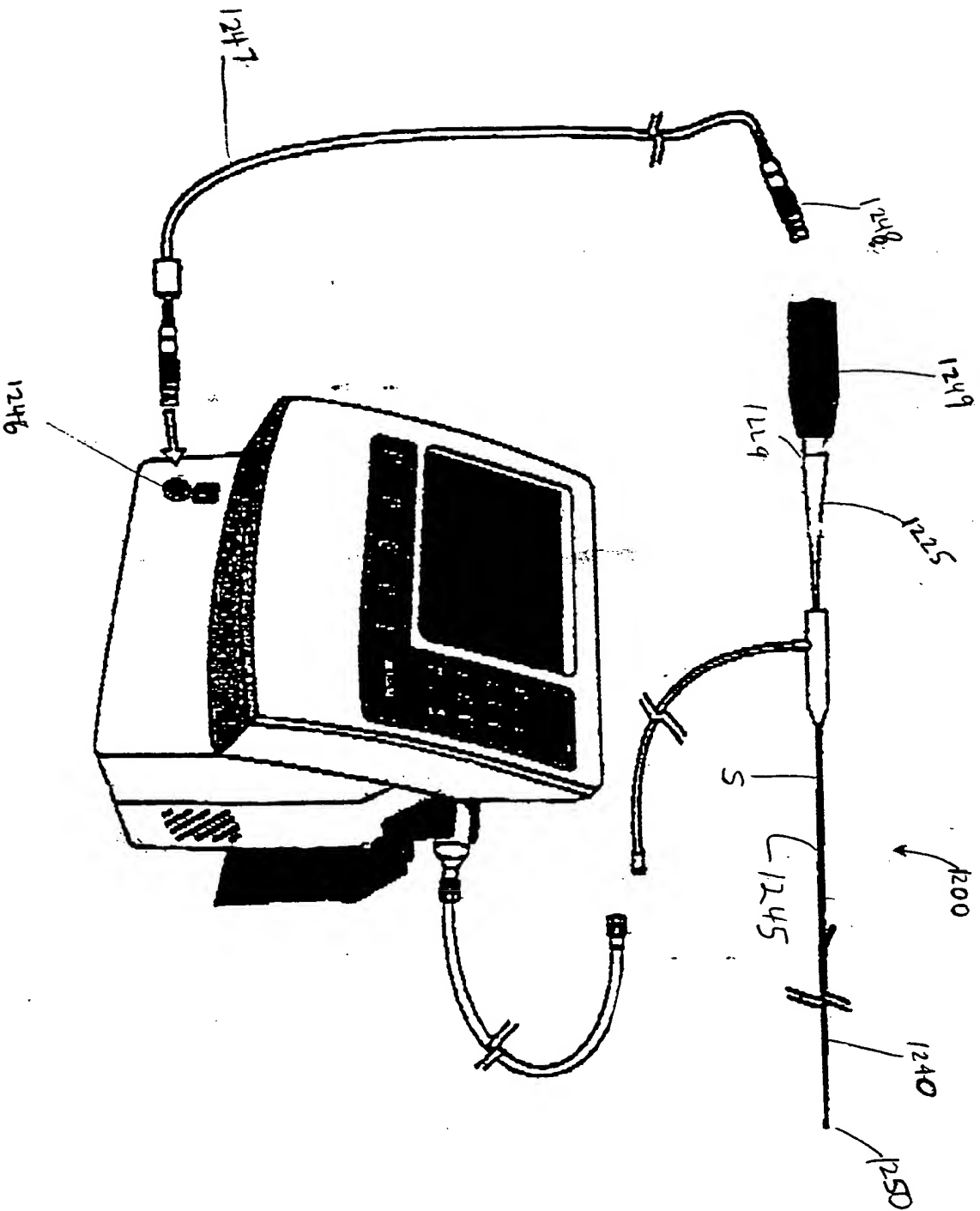
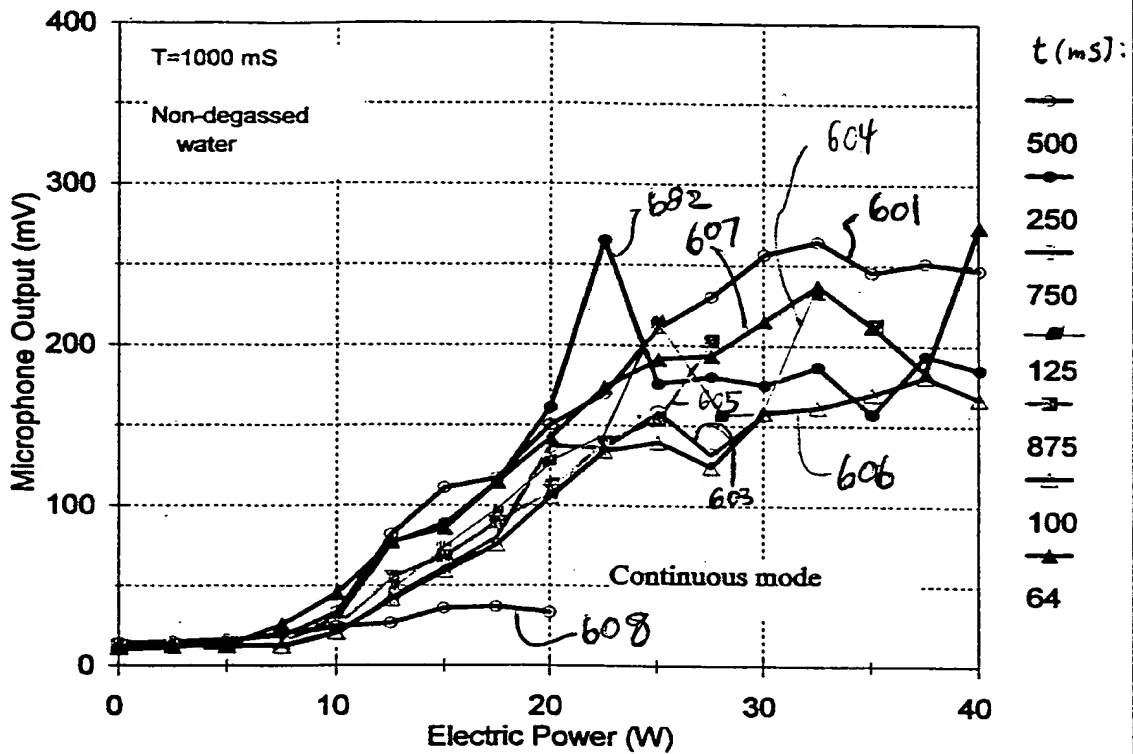


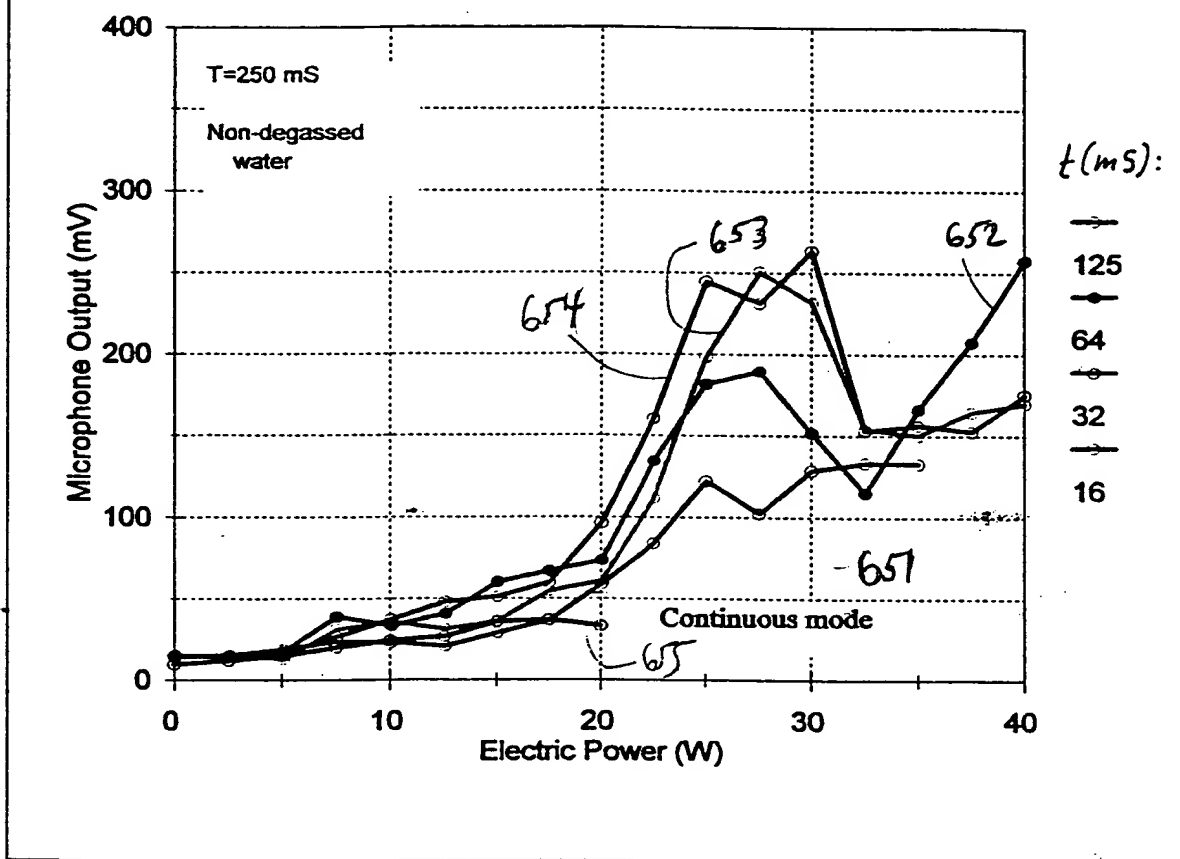
FIG. 23

# Violence of Cavitation as a function of Power supplied to the Transducer



F16.24

# Violence of Cavitation as a function of Power supplied to the Transducer



F16. 25

Violence of Cavitation as a function  
of Power supplied to the Transducer

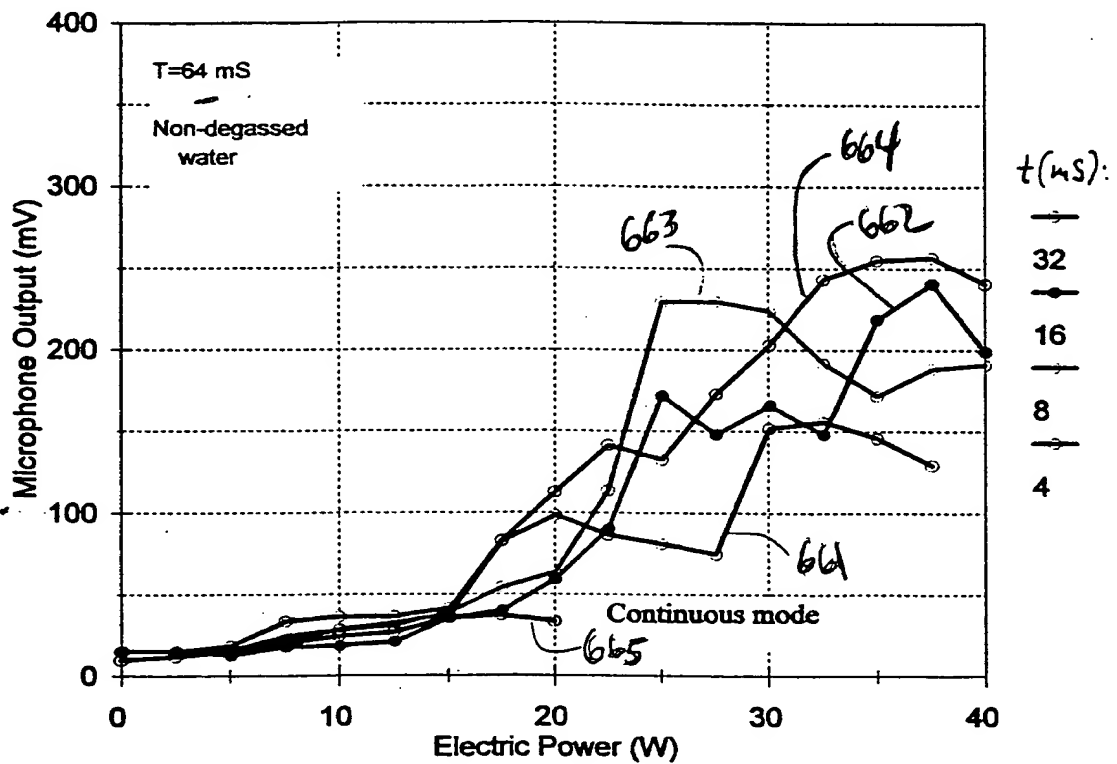


FIG. 26

# Violence of Cavitation as a function of Power supplied to the Transducer

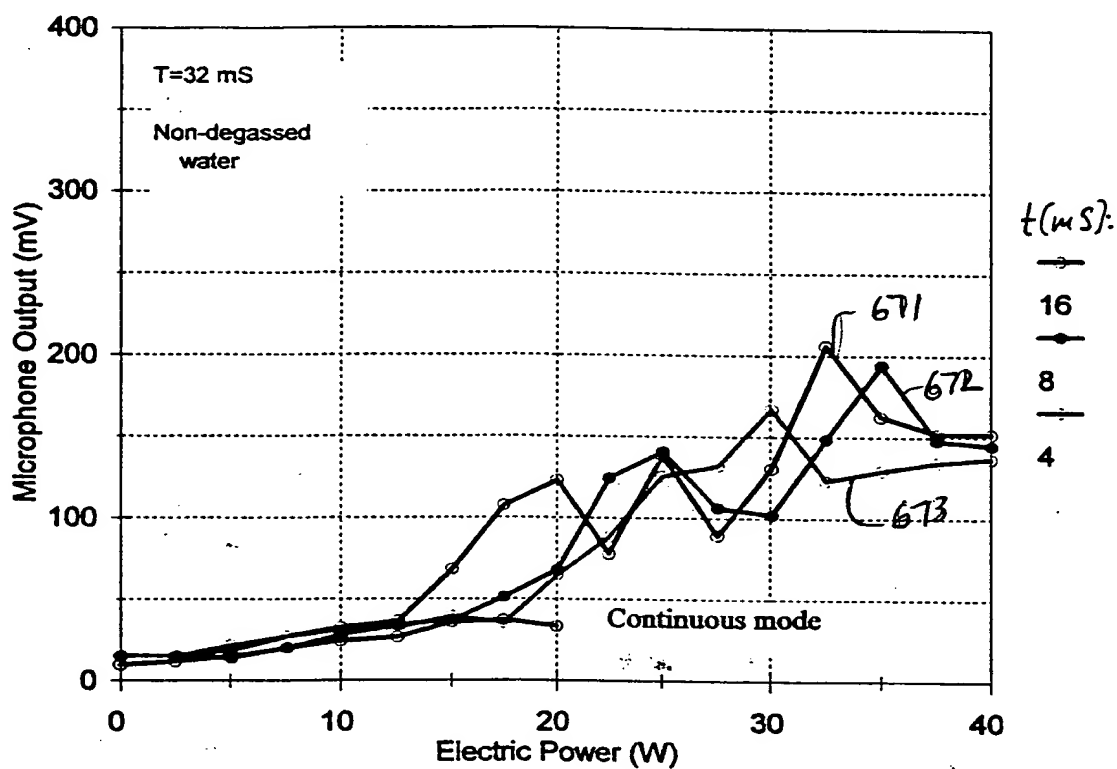


FIG. 27

Place here your company name  
 Address  
 Town

your tel. no.  
 your fax no.  
 your telex no.

Continuous Wave 18 watt.  
 10 ml/min

TRANSIENT RECORDER CH 1

CH1 °C  
 52.68  
 DC

49.02

45.36

41.70

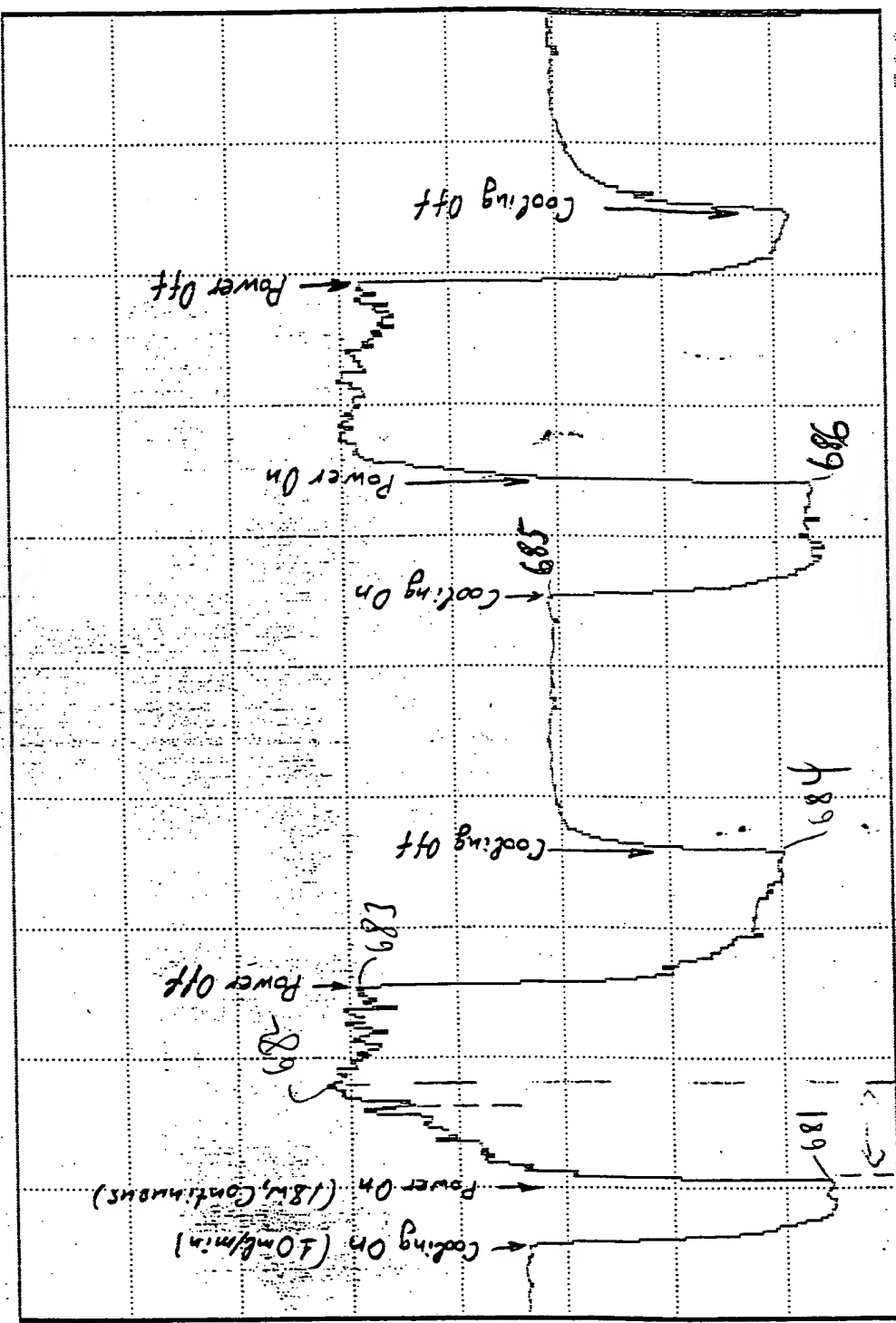
38.04

34.39

30.73

27.07

23.41



500 SAMPLE

375

250

125

SAMPLING TIME : 2.40 sec.  
 NO. OF SAMPLES : 3000

F/6.28

(A)

DE  
T1

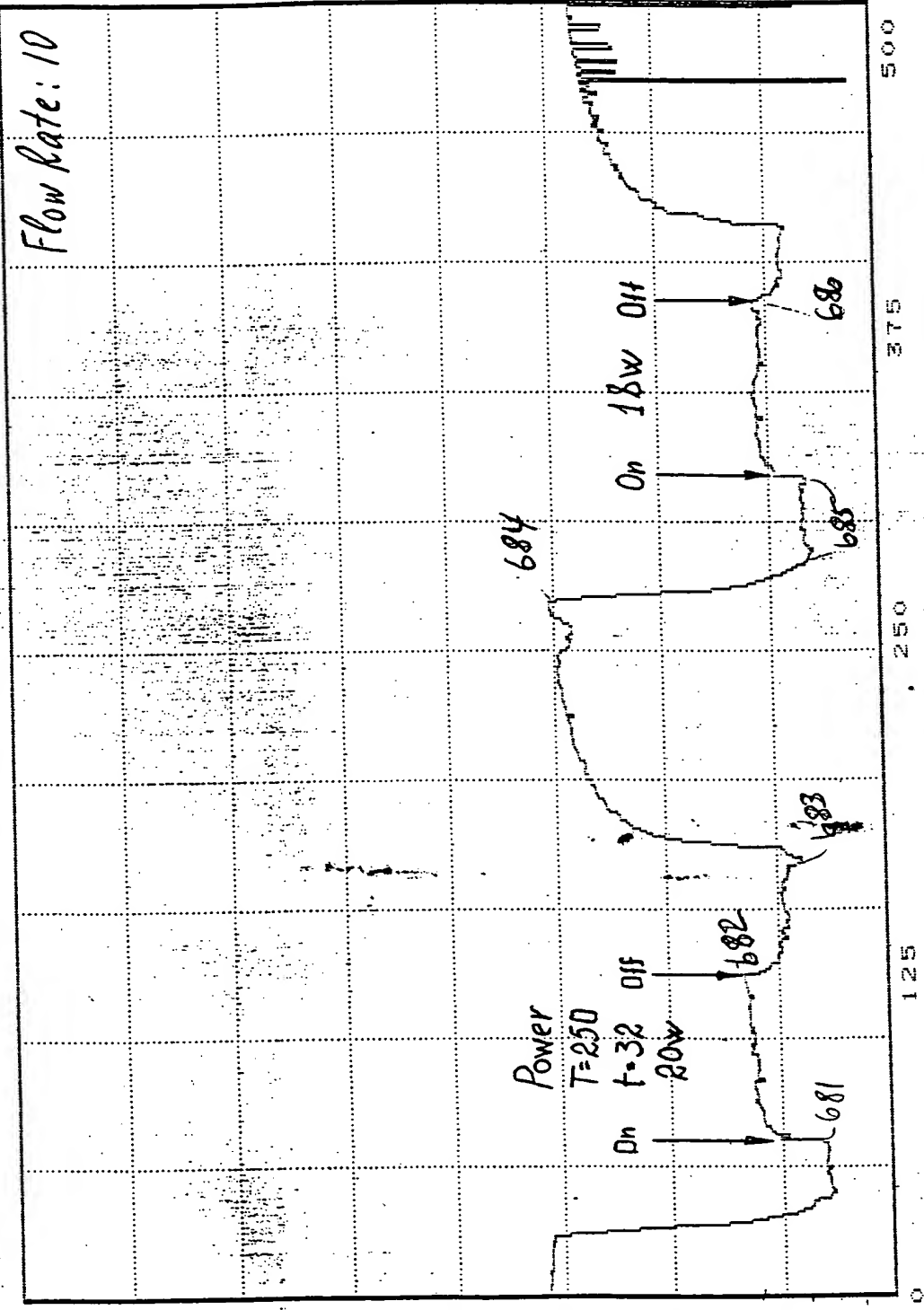
Place here your company name  
Address  
Town

Duty Cycle = 8 (32/250)

Flow Rate: 10 ml/min

TRANSIENT RECORDER CH 1

CH1 °C  
52.68  
DC



SAMPLING TIME : 2.40 sec.  
NO. OF SAMPLES : 499

F16.29

WORLD PAPER CO.

Place here your company name

Address

Town

your tel. no.

your fax. no.

your telex no.

TRANSIENT RECORDER CH 1

Duty Cycle = 16 (16/250)

Flow Rate = 10 ml/min

CHI °C

52.68

DC

49.02

45.36

41.70

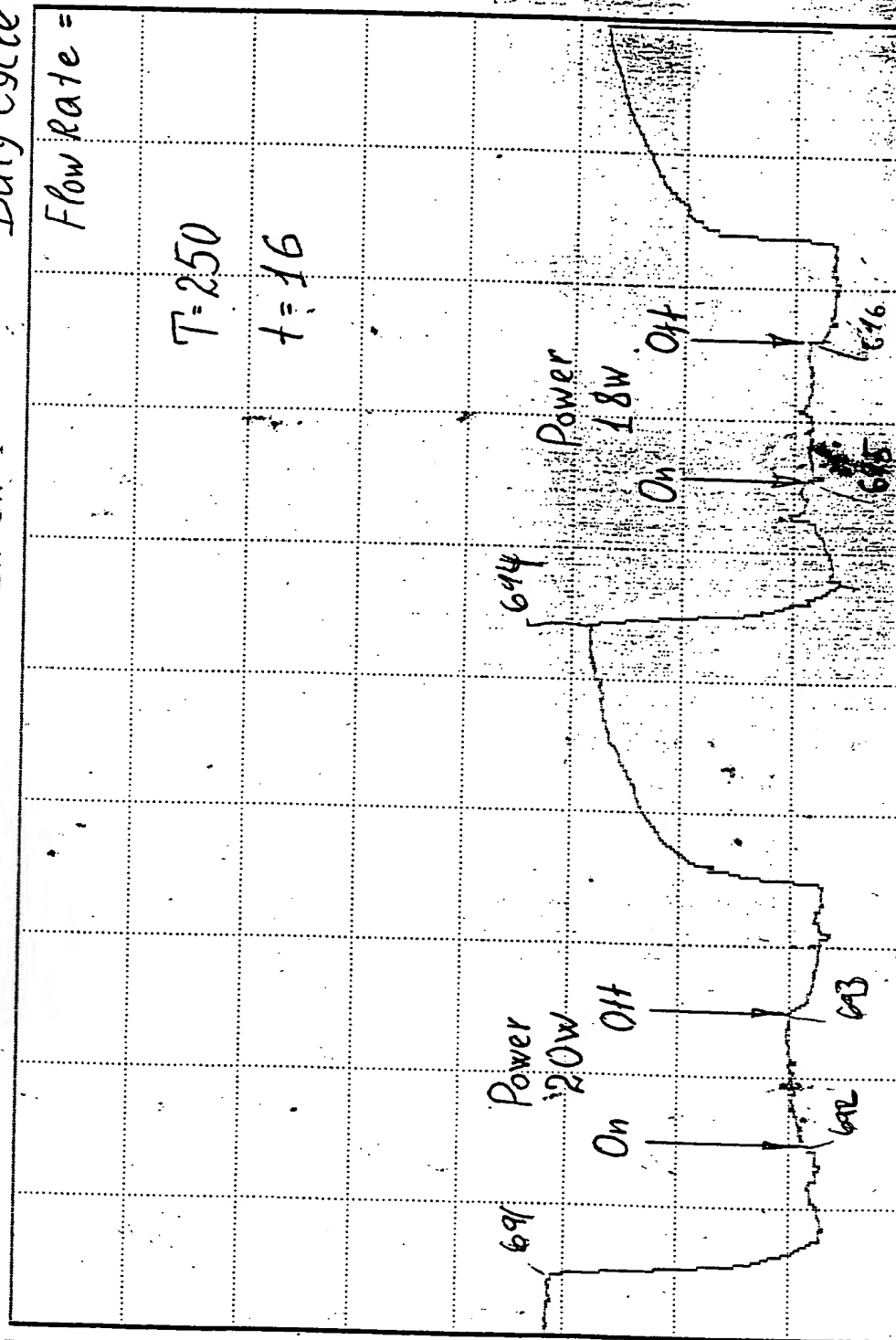
38.04

34.39

30.73

27.07

23.41



500 SAMPLE

375

250

125

0

SAMPLING RATE: 2.40 sec

NO. OF SAMPLES: 499

F/G 30